

Title (en)

NOVEL 5'CAP ANALOG HAVING CAP2 STRUCTURE AND PREPARATION METHOD THEREFOR

Title (de)

NEUES 5'CAP-ANALOGON MIT CAP2-STRUKTUR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

NOUVEL ANALOGUE DE COIFFE 5' AYANT UNE STRUCTURE CAP2 ET SON PROCÉDÉ DE PRÉPARATION

Publication

EP 4202053 A1 20230628 (EN)

Application

EP 20950062 A 20201029

Priority

- CN 202010842263 A 20200820
- CN 2020124720 W 20201029

Abstract (en)

A 5'Cap analog having a Cap2 structure and a preparation method therefor. The molecular formula of the 5'Cap analog having a Cap2 structure is selected from any one of m7G(5')ppp(5')(2'OMeA)p(2'OMeG), m7G(5')ppp(5')(2'OMeG)p(2'OMeG), etc. The 5'Cap analog having a Cap2 structure has higher synthesis efficiency, higher capping efficiency, lower immunogenicity, and higher protein translation efficiency.

IPC 8 full level

C12P 19/34 (2006.01); **C07H 21/02** (2006.01)

CPC (source: CN EP KR US)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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